



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, April 29, 2017

Issued: 0800 CT

Day One Weather Hazards: Flash/river flooding expected over C/E OK and AR.

Enhanced risk of severe storms over SE OK, AR, N/E/C TX and NW LA

Severe weather also possible over E OK, W LA, SE/SC TX. Flash flooding possible over S OK and NE TX

Winter weather over N/NE NM into the TX/OK panhandles.

National Weather Service

***Southern Region Headquarters
Regional Operations Center
Fort Worth, TX***



**Prepared by: Mark Wiley
817-978-1100 x 147**

Key Points



Today

- **Very heavy rainfall with flash flooding expected** over central and eastern OK and much of AR; areas of flash flooding possible over S OK and NE TX
- **Enhanced Risk of severe storms** over SE OK, AR, N/E/C TX and NW LA
 - Hail and damaging winds the main threats; but tornadoes will also be possible
 - Slight risk extends into E OK, W LA, SE/SC TX
- Snow today/tonight along with very gusty winds over the TX/OK Panhandles will lead to dangerous travel conditions
- Elevated to critical fire weather conditions over far S NM and into far W TX

Sunday

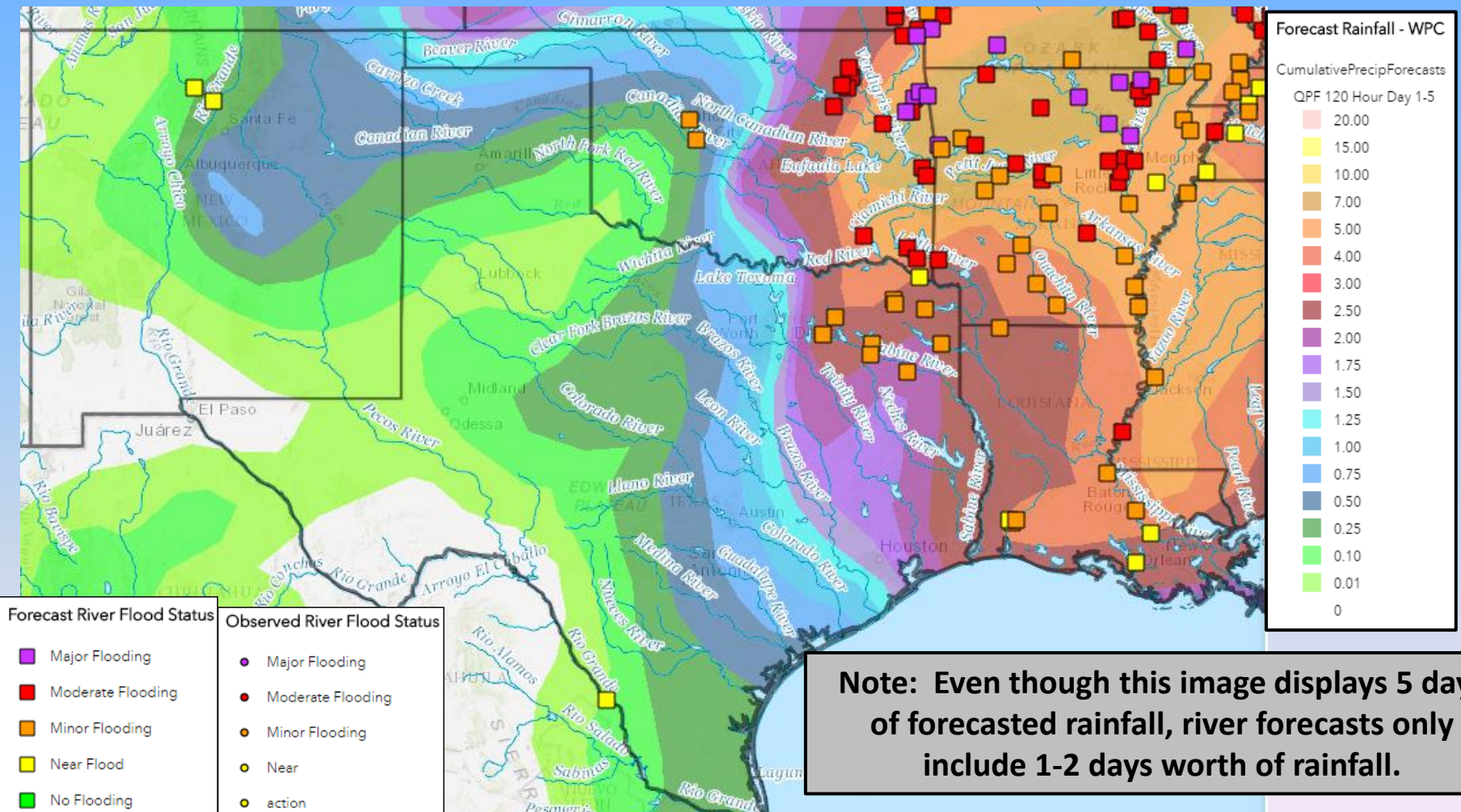
- Slight risk of severe storms continues on Sunday over E AR/E LA
- Locally heavy rainfall possible over these areas may lead to flash flooding

Monday - Wednesday

- No significant weather expected

5-Day Precipitation Forecast & River Flood Status

With 6-8 inches of rain possible in E OK/AR through Sunday (locally higher amounts possible), moderate to major flooding is possible on smaller rivers and the White River in N AR, moderate flooding is likely on the mainstem Arkansas River.



For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

Apr 29, 2017 - May 3, 2017

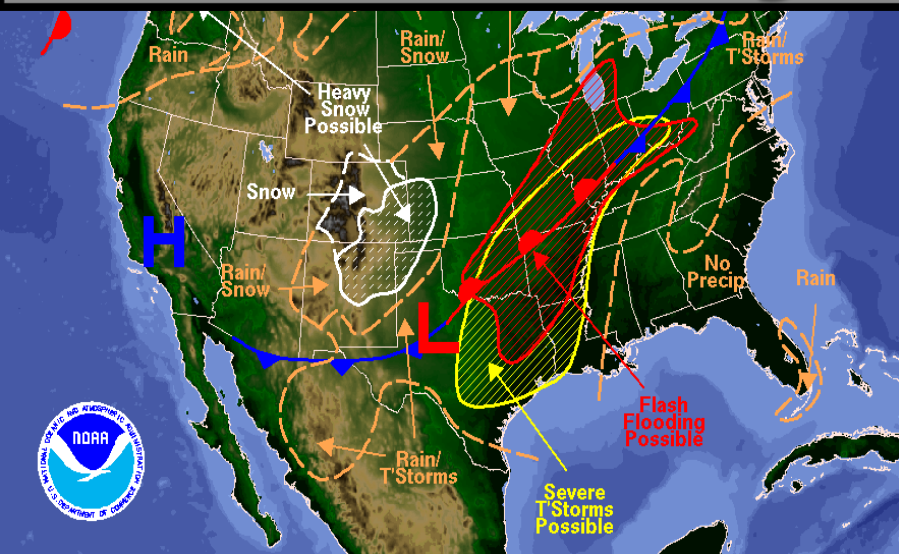
	SAT	SUN	MON	TUE	WED
Severe Weather	SE OK, AR N/E/C TX, NW LA	E AR/E LA			
	E OK, W LA, SE/SC TX				
Heavy Rain / Flash Flooding	C/E OK, AR	Far eastern AR, NE LA			
	S OK, NE TX				
Winter	N/NE NM, TX/OK Panhandles				
Fire Weather	S NM, Far W TX				
River Flooding	E OK/NE AR	E OK/AR	AR	AR	

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



Today's Weather



Weather Forecast for Sat, Apr 29, 2017, issued 4:49 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

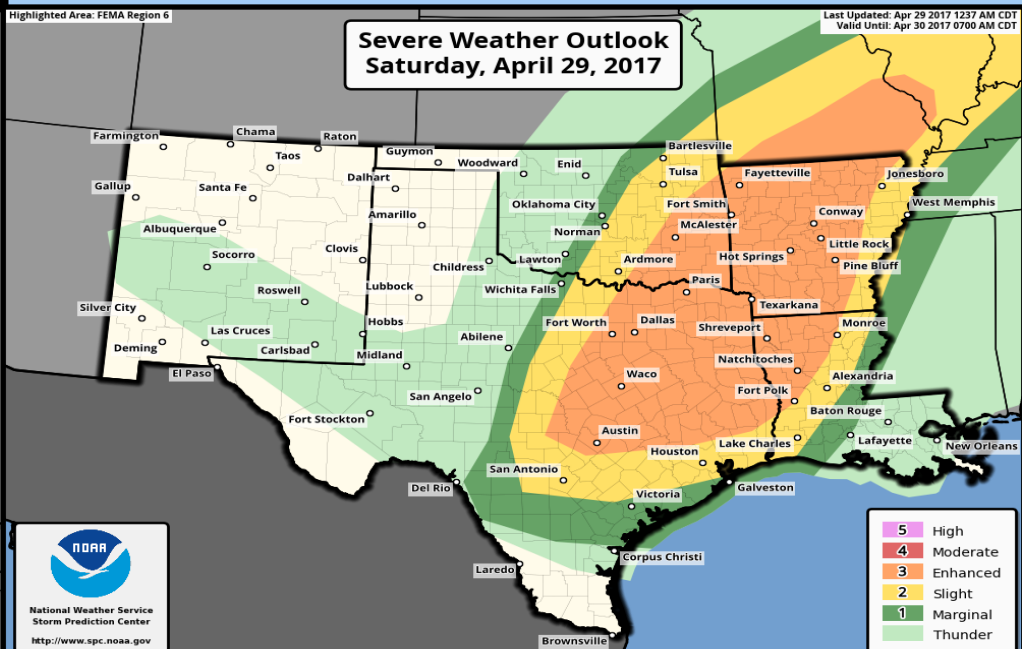
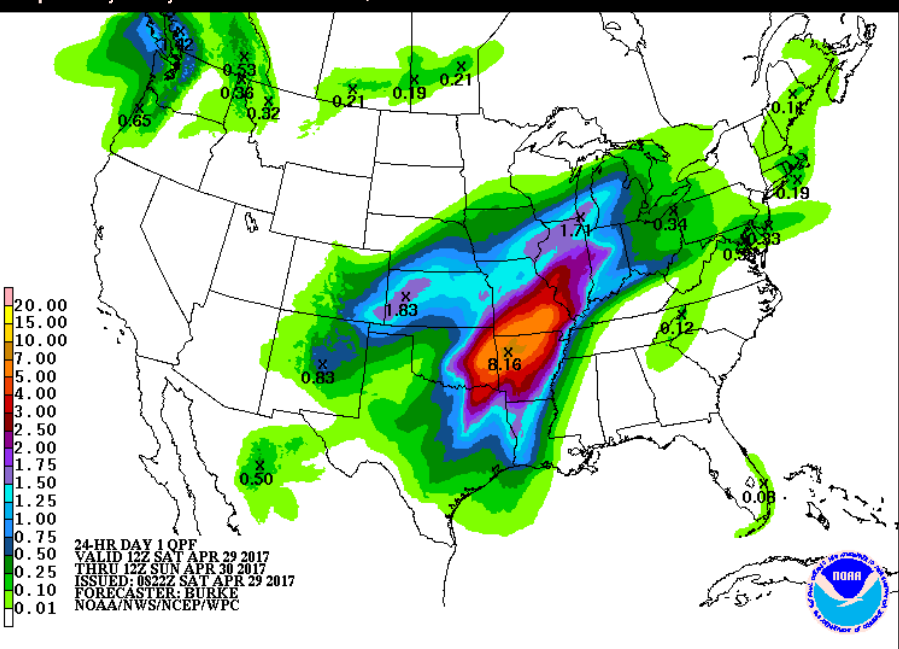
Heavy rain leading to flash flooding and river flooding is expected over C/E OK and AR

Enhanced risk of severe storms over SE OK, AR, N/E/C/TX, NW LA

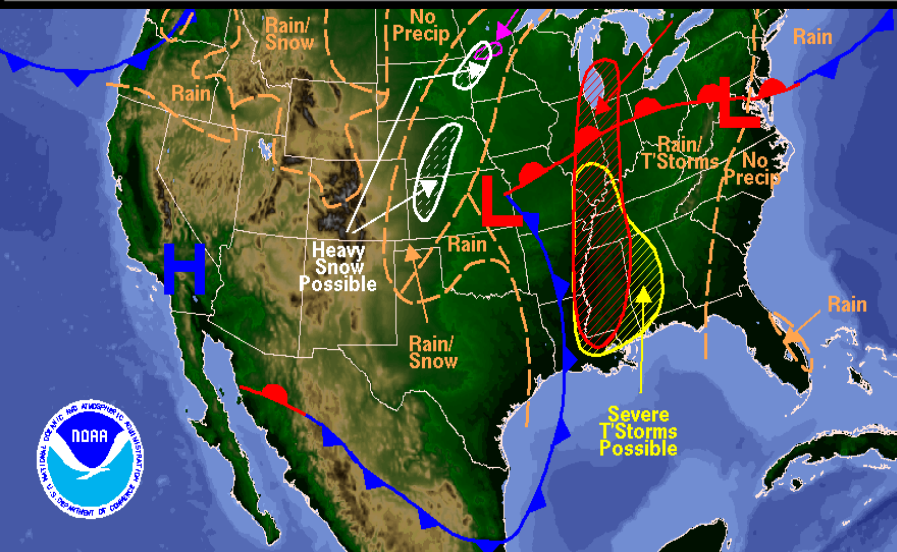
Slight risk of severe storms over E OK, W LA, SE/SC TX

Flash flooding also possible over southern OK into NE TX

Winter weather over parts of N/NE NM into the TX/OK panhandles. Heaviest snow will be north of I-40



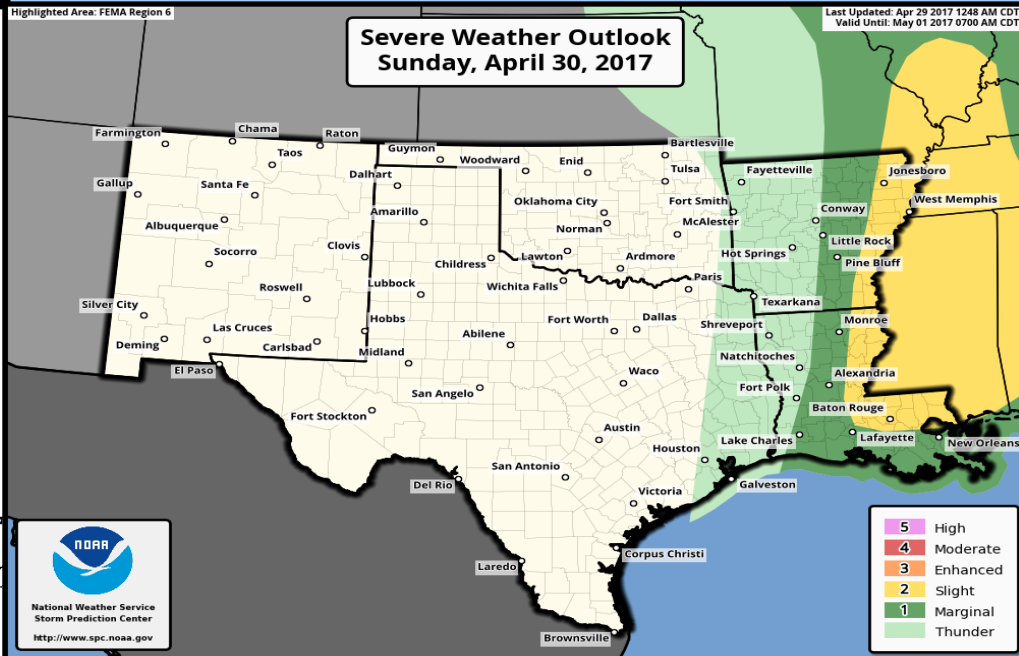
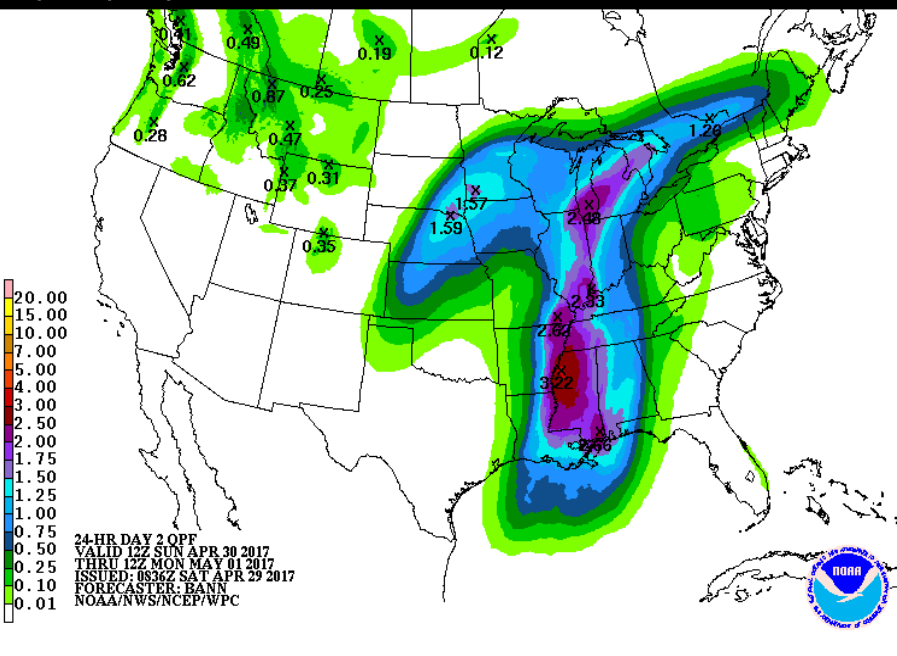
Tomorrow's Weather



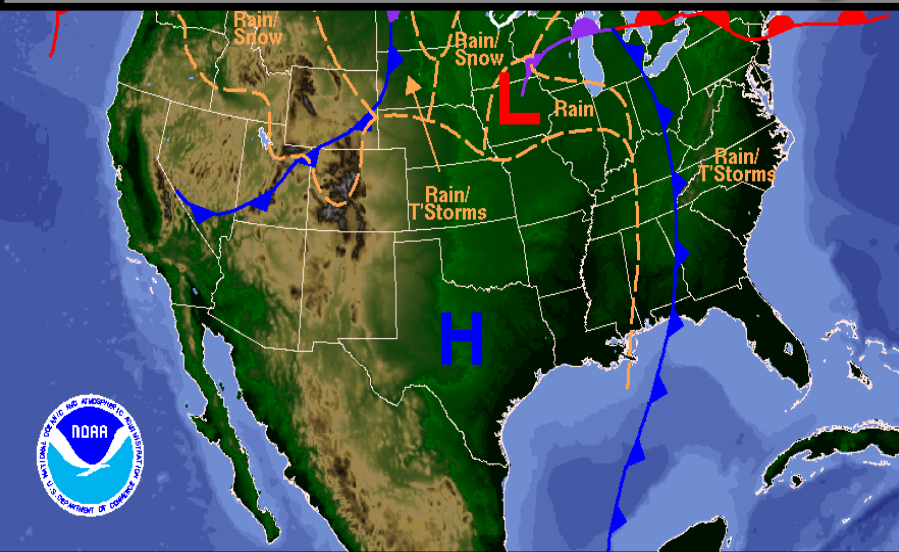
Moderate to major river flooding possible over E OK and AR.

Slight risk of severe storms as well as heavy rainfall over E AR/E LA.

Weather Forecast for Sun, Apr 30, 2017, issued 5:01 AM EDT Sat, Apr 29, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts



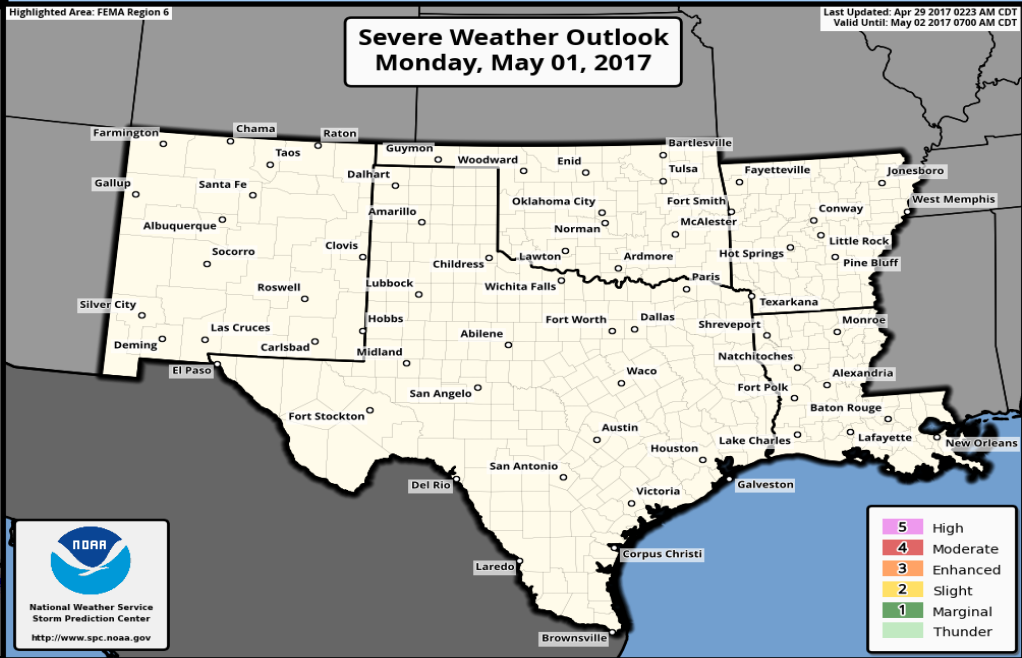
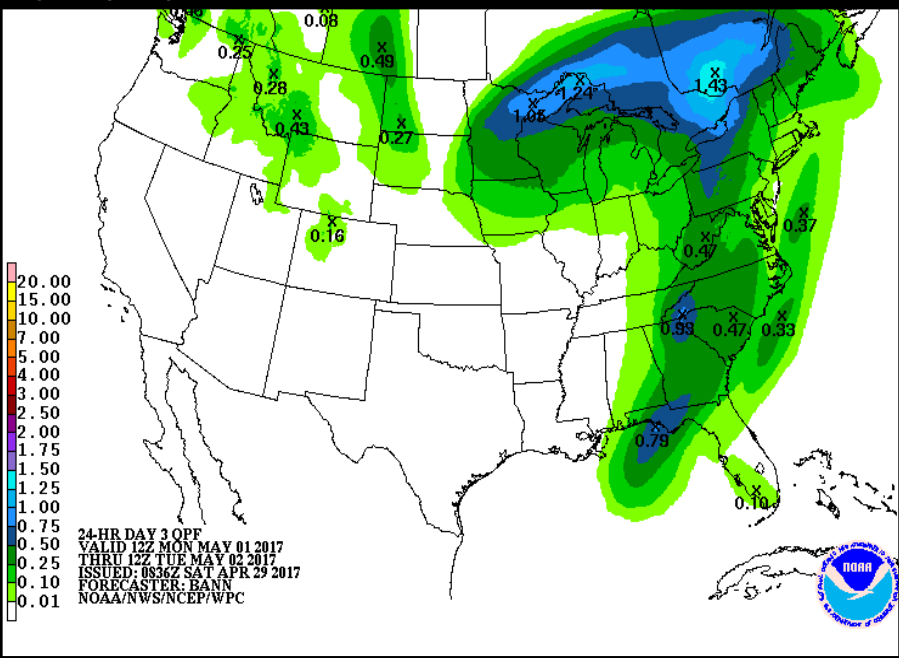
Monday's Weather



Weather Forecast for Mon, May 01, 2017, issued 5:05 AM EDT Sat, Apr 29, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

Water levels receding across E OK/W AR.

No Additional Significant Weather Impacts.

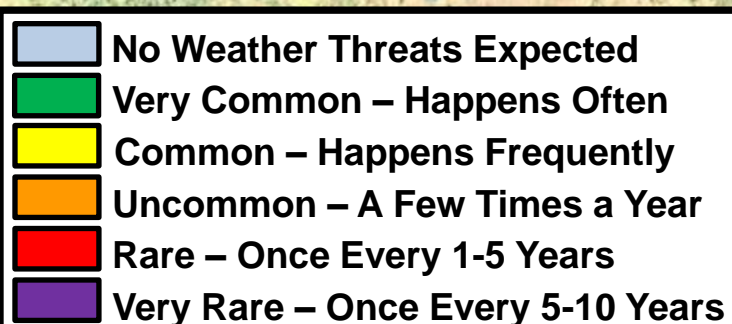


Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



River flooding
may be
ongoing with
only minor
impacts
expected.

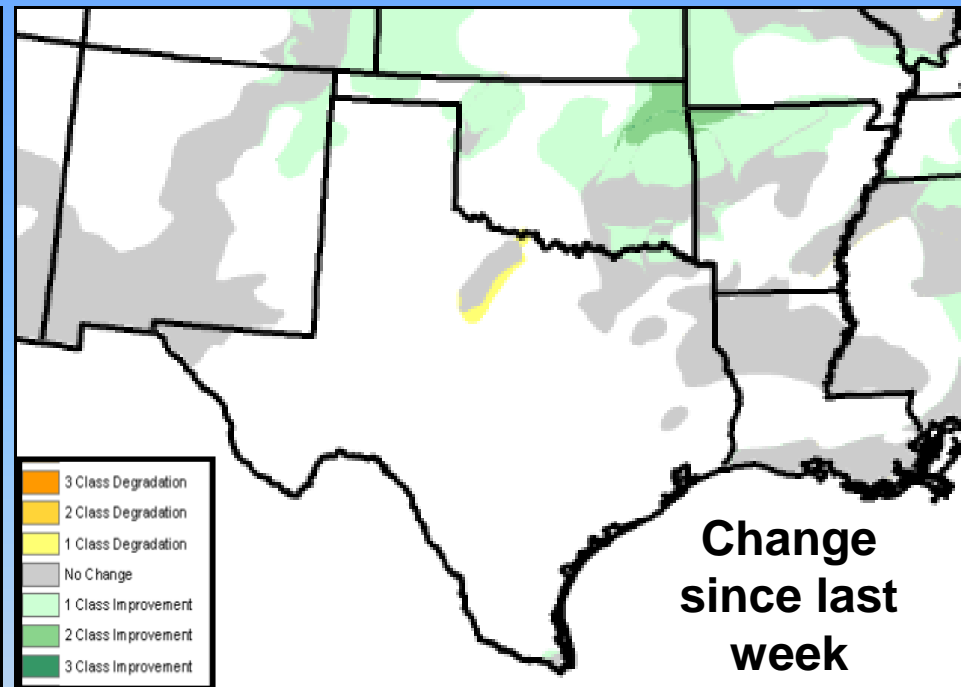
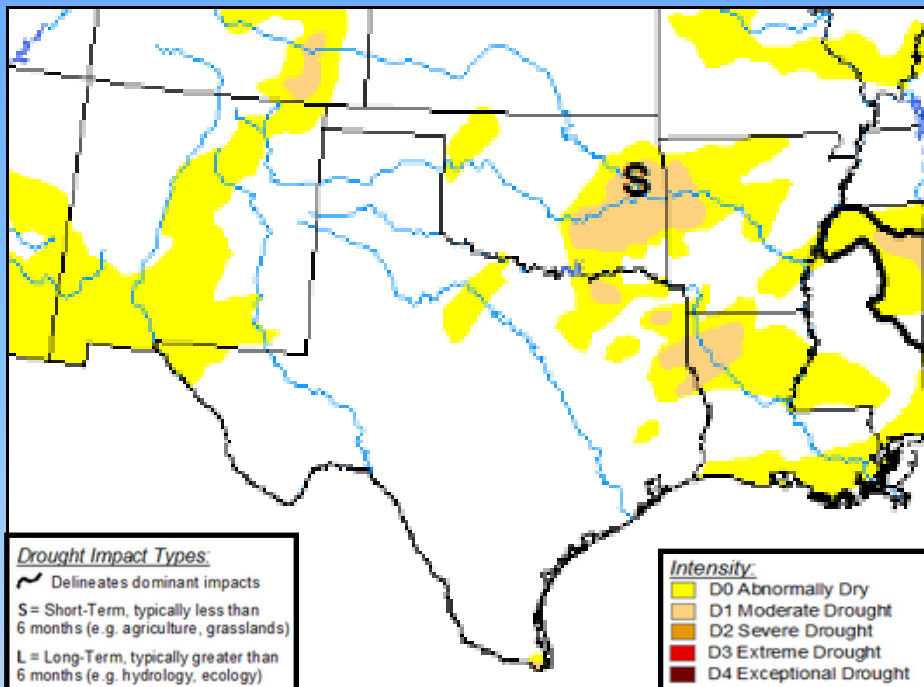


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released April 27th, 2017

Data valid as of 7am CST, Tuesday, April 25th, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	3.90%	0.00%
Arkansas	0.00%	0.00%	2.02%	0.00%
Texas	0.00%	0.00%	0.01%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

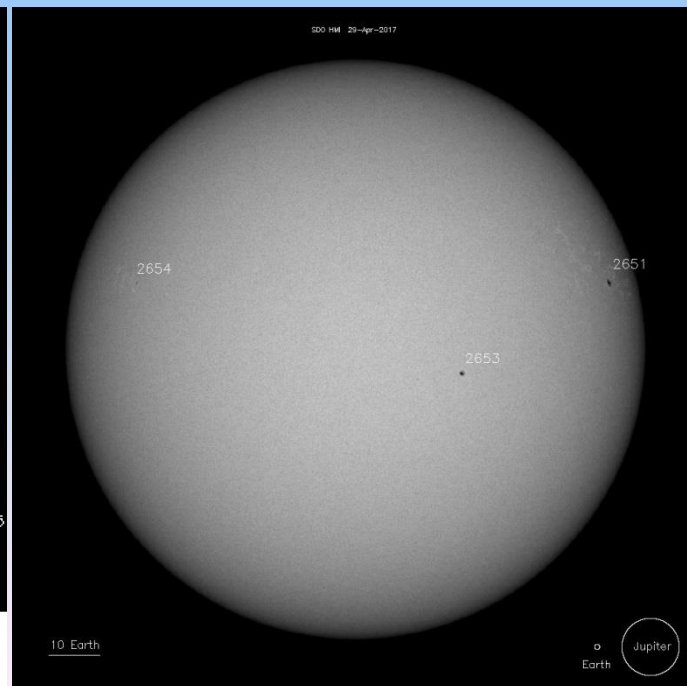
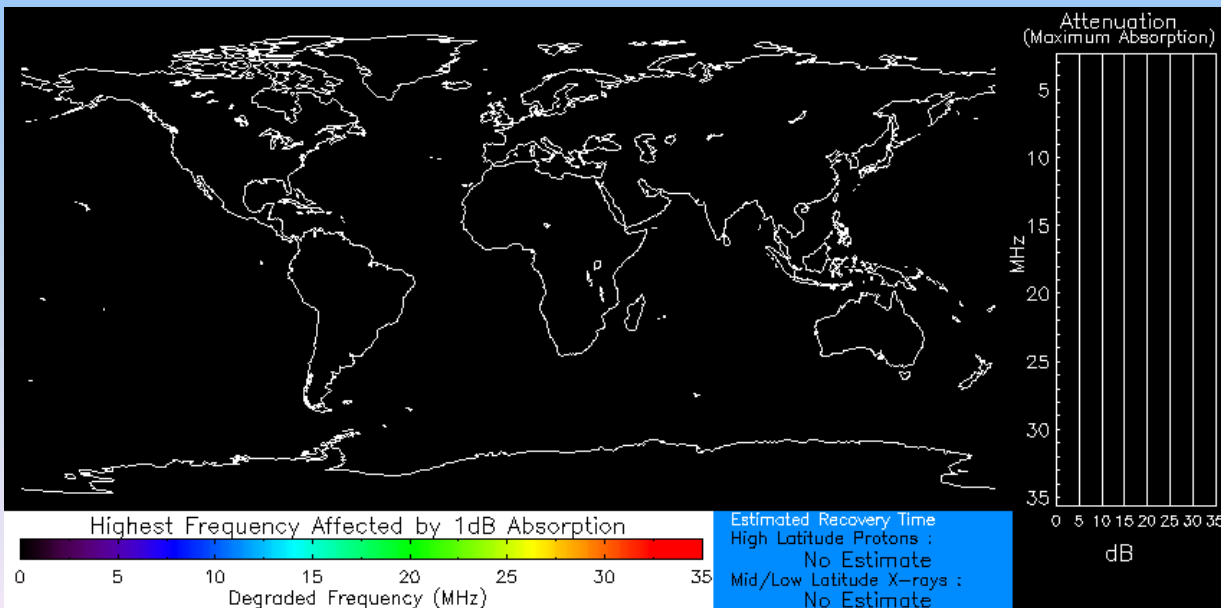
Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp =)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2017-04-29 11:46 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

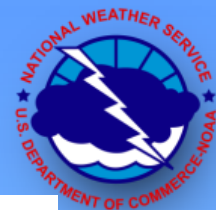
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms